DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Bonacci on July 1, 2010.

The application has been amended as follows:

Claim 10: On line 5, delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 11: On line 3, delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 14: On line 5 delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 16: On line 3, insert delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 17: On line 3, delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 19: On line 5, insert delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 20: On line 4, delete "SIR" and replace with "signal-to-interference ratio (SIR)".

Claim 21: On line 5, delete “SIR” and replace with “signal-to-interference ratio (SIR)”.

Claim 23: On line 4, delete “SIR” and replace with “signal-to-interference ratio (SIR)”.

Claim 24: On line 4, delete “SIR” and replace with “signal-to-interference ratio (SIR)”.

Allowable Subject Matter

2. Claims 10-41 allowed.

The following is an examiner’s statement of reasons for allowance:

Regarding claims 10 and 11, Hakkinen 5,839,056 discloses a communication system comprising a first communication apparatus and a second communication apparatus, wherein the first communication apparatus comprises: reception means for receiving transmission power control information which is based on SIR measurement results in the second communication apparatus from the second communication apparatus; and second control means for carrying out transmission power control of the first communication apparatus in accordance with the transmission power control information received from the second communication apparatus after the first communication apparatus becomes able to receive the transmission power control information from the second communication apparatus, and the second communication apparatus comprises: transmission means for transmitting the transmission power control information which is based on SIR measurement results in the second communication apparatus to the first communication apparatus. The instant

invention discloses first control means for carrying out transmission power control of the first communication apparatus in accordance with a predetermined control pattern before the first communication apparatus becomes able to receive the transmission power control information from the second communication apparatus, the predetermined control pattern being fixed and invariable. The above novel feature in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 12, 13, and 25-28 are allowable by virtue of their dependency on claims 10 and 11.

Regarding claims 19 and 20, Hakkinen 5,839,056 discloses a communication method at a communication system comprising a first communication apparatus and a second communication apparatus, comprising: a transmission step of transmitting, at the second communication apparatus, transmission power control information which is based on SIR measurement results in the second communication apparatus to the first communication apparatus; a reception step of receiving, at the first communication apparatus, the transmission power control information which is based on SIR measurement results in the second communication apparatus from the second communication apparatus; and a second control step of carrying out, at the first communication apparatus, transmission power control of the first communication apparatus in accordance with the transmission power control information received from the second communication apparatus after the first communication apparatus becomes able to receive the transmission power

control information from the second communication apparatus. The instant invention discloses a first control step of carrying out, at the first communication apparatus, transmission power control of the first communication apparatus in accordance with a predetermined control pattern before the first communication apparatus becomes able to receive the transmission power control information from the second communication apparatus, the predetermined control pattern being fixed and invariable. The above novel feature in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 29-34 are allowable by virtue of their dependency on claims 19 and 20.

Regarding claims 14 and 16, Hakkinen 5,839,056 discloses a communication system comprising a first communication apparatus and a second communication apparatus, wherein the first communication apparatus comprises: first transmission means for transmitting transmission power control information which is based on SIR measurement results in the first communication apparatus to the second communication apparatus; and the second communication apparatus comprises: first reception means for receiving the transmission power control information which is based on SIR measurement results in the first communication apparatus from the first communication apparatus; control means for carrying out transmission power control of the second communication apparatus in accordance with the transmission power control information received from the first communication apparatus after the second communication apparatus becomes able to receive the transmission

power control information from the first communication apparatus; and second reception means for receiving the information regarding the initial value of the transmission power from the first communication apparatus, and wherein the control means sets an initial value of transmission power of the second communication apparatus in accordance with the information regarding the initial value of the transmission power and starts the transmission power control with the initial value. The instant invention discloses the first communication apparatus comprising: second transmission means for transmitting information regarding an initial value of transmission power of the second communication apparatus to the second communication apparatus, and the second communication apparatus comprises a control means that sets an initial value of transmission power of the second communication apparatus in accordance with the information regarding the initial value of the transmission power and starts the transmission power control with the initial value. The above novel feature in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 15, 35, and 36 are allowable by virtue of their dependency on claims 14 and 16.

Regarding claim 17, Hakkinen 5,839,056 discloses a communication apparatus comprising: first transmission means for transmitting transmission power control information which is based on SIR measurement results in the communication apparatus to another communication apparatus. The instant invention discloses a second transmission means for transmitting information regarding an initial value of transmission power of the another communication

apparatus to said another communication apparatus, and wherein the first transmission means transmits transmission power control information for regularly raising the transmission power of the another communication apparatus instead of the transmission power control information based on SIR measurement results before said communication apparatus becomes able to synchronize with a signal from said another communication apparatus. The above novel feature in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 18 and 39 are allowable by virtue of their dependency on claim 17.

Regarding claims 21 and 23, Hakkinen 5,839,056 discloses a communication method at a communication system comprising a first communication apparatus and a second communication apparatus, comprising: a first transmission step of transmitting, at the first communication apparatus, transmission power control information which is based on SIR measurement results in the first communication apparatus to the second communication apparatus; a first reception step of receiving, at the second communication apparatus, the transmission power control information which is based on SIR measurement results in the first communication apparatus from the first communication apparatus; and a control step of carrying out, at the second communication apparatus, transmission power control of the second communication apparatus in accordance with the transmission power control information received from the first communication apparatus after the second

communication apparatus becomes able to receive the transmission power control information from the first communication apparatus. The instant invention discloses a second transmission step of transmitting, at the first communication apparatus, information regarding an initial value of transmission power of the second communication apparatus to the second communication apparatus; a second reception step of receiving, at the second communication apparatus, the information regarding the initial value of the transmission power from the first communication apparatus; and wherein the control step sets an initial value of transmission power of the second communication apparatus in accordance with the information regarding the initial value of the transmission power and starts the transmission power control with the initial value. The above novel features in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 22, 37, and 38 are allowable by virtue of their dependency on claims 21 and 23.

Regarding claim 24, Hakkinen 5,839,056 discloses a communication method at a first communication apparatus, comprising: a first transmission step of transmitting transmission power control information which is based on SIR measurement results in the first communication apparatus to a second communication apparatus. The instant invention discloses a second transmission step of transmitting information regarding an initial value of transmission power of the second communication apparatus to the second communication apparatus, wherein the first transmission step transmits transmission power control information for regularly raising the transmission power of the second

communication apparatus instead of the transmission power control information based on SIR measurement results before the first communication apparatus becomes able to synchronize with a signal from the second communication apparatus. The above novel features in combination with other limitations of the claim are neither taught, suggested, nor made obvious by Hakkinen or any other prior art of record. Claims 40 and 41 are allowable by virtue of their dependency on claim 24.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Saario 6,272,354 discloses a method for adjusting transmit power during call set-up, and a cellular radio system.

Bonnerot et al 4,777,653 discloses an apparatus for controlling transmission power over a digital radio communication channel.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUMIDE T. AJIBADE AKONAI whose telephone number is (571)272-6496. The examiner can normally be reached on M-F, 8.30p-5p.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OA

/Charles N. Appiah/
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